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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)

Application Number	10601159
Filing Date	2003-06-20
First Named Inventor	Joshua T. Goodman
Art Unit	2157 2141
Examiner Name	Unknown COULTER
Attorney Docket Number	MS303686.01/MSFTP418US

U.S. PATENTS

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HAL	1	6915334		2005-07-05	Robert J. Hall	

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HAL	1	20030009698	A1	2003-01-09	Lindeman, et al.	
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Application Number	10601159
Filing Date	2003-06-20
First Named Inventor	Joshua T. Goodman
Art Unit	2457 2141
Examiner Name	Unknown COULTER
Attorney Docket Number	MS303686.01/MSFTP418US

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Art Unit	2457 2141
Examiner Name	COULTER
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ILAL	1	6742047		2004-05-25	Michael Man-Hak Tso	
	2	6314421		2001-11-06	Sharnoff, et al.	
	3	6421709		2002-07-16	McCormick, et al.	
	4	6321267		2001-11-20	Albert L. Donaldson	
	5	6701440		2004-03-02	Kim, et al.	
	6	6167434		2000-12-26	Stephen Y. Pang	
	7	6732157		2004-05-04	Gordon, et al.	
ILAL	8	6643686		2003-11-04	Robert J. Hall	

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Application Number	10601159
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First Named Inventor	Joshua T. Goodman
Art Unit	2467 2141
Examiner Name	COULTER
Attorney Docket Number	MS303686.01/MSFTP418US

11/11/02	9	6928465		2005-08-09	Jerry Brett Earnest	
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11/11/02	1	20010046307	A1	2001-11-29	Ping Wah Wong	
	2	20020073157	A1	2002-06-13	Newman, et al.	
	3	20040199594	A1	2004-10-07	Radatti, et al.	
	4	20020091738	A1	2002-07-11	Rohrbaugh, et al.	
	5	20040073617	A1	2004-04-15	Milliken, et al.	
	6	20030229672	A1	2003-12-11	Daniel Mark Kohn	
11/11/02	7	20050015455	A1	2005-01-20	Gary G. Liu	

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	First Named Inventor	Joshua Goodman	
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	Examiner Name	COUTLER	
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KAL	1	20020199095		2002-12-00	Bandini, et al.			
KAL	2	20030204569		2003-10-00	Andrews, et al.			
KAL	3	20030009698		2003-01-00	Lindeman, et al.			
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ILVL	1	6615242		2003-09-02	Riemers			
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ILVL	1	20030041126		2003-02-27	Buford, et al.			
ILVL	2	20030088627		2003-05-08	Rothwell, et al.			
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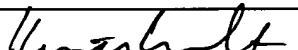
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Examiner Name	Coulter
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llll	1	European Search Report dated April 6, 2006 and mailed April 6, 2006 for EP 04102242, 3 pages.	<input type="checkbox"/>
llll	2	GRAHAM. "The Future of SPAM" (2003) Computer Journal, CSI Computer Security Institute, vol. 19, no. 1, 6 pages.	<input type="checkbox"/>

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				Application Number	10/601,159
				Filing Date	06-20-2003
				First Named Inventor	Joshua Goodman
				Art Unit	2137 2141
				Examiner Name	COULTER
Sheet	2	of	2	Attorney Docket Number	MS303686.01/MSFTP418US

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		Filing Date	06-20-2003
		First Named Inventor	Joshua Goodman
		Art Unit	2157 2141
		Examiner Name	COULTER
		Attorney Docket Number	MS303686.01/MSFTP418US
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Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
11/11		US- 6,971,023	11-29-2005	Malkinson, et al.	
		US- 6,775,704	08-10-2004	Watson, et al.	
		US- 6,505,250	01-07-2003	Fretund, et al.	
		US- 6,047,242	04-04-2000	Benson	
		US- 6,732,273	05-04-2004	Byers	
		US- 6,393,465	05-21-2002	Leeds	
11/11		US- 6,645,416	04-08-2003	Kirsch	
		US- 6,330,590	12-11-2001	Cotton	
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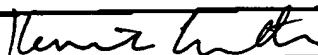
Application Number	10/601,159
Filing Date	06-20-2003
First Named Inventor	Joshua Goodman
Art Unit	2137 2141
Examiner Name	COLTER
Attorney Docket Number	MS303686.01/MSFTP418US

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		Number-Kind Code ³ (if known)			
MUC		US- 6,074,942	Stockwell, et al.	06-06-2000	
		US- 6,199,102	Cobb	03-06-2001	
		US- 6,477,551	Johnson, et al.	11-05-2002	
		US- 6,101,531	Eggleston, et al.	08-08-2000	
		US- 5,884,033	Duvall, et al.	03-16-1999	
MUC		US- 6,484,261	Wiegel	11-19-2002	
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Application Number

10/601.159

Filing Date

June 20, 2003

First Named Inventor

Joshua T. Goodman

Art Unit

2137 2148

Examiner Name

CULTER

Attorney Docket Number

MS303686.01/MSFTP418US

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Joshua T. Goodman

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HKC		BREIMAN, FRIEDMAN, OLSHEN, and STONE. "Classification and Regression Trees." Wadsworth & Brooks, Monterey, CA (1984).	
		QUINLAN. "C4.5: Programs for Machine Learning." Morgan Kaufmann, San Francisco, CA (1993).	
		HAYES, BRIAN. "Spam, Spam, Spam, Lovely Spam." American Scientist Online, June 30, 2003. Pgs. 1-6. vol. 91.	
HKC		European Search Report, dated June 9, 2005, mailed August 22, 2005 for European Patent Application Serial No. EP04011978, 12 pages.	

Examiner
Signature

Kermit Ault

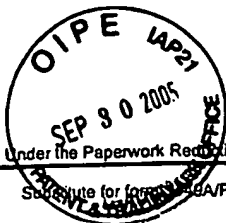
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

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of

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Complete if Known

Application Number	10/601,159
Filing Date	06-20-03
First Named Inventor	Joshua T. Goodman, et al.
Art Unit	2157 2141
Examiner Name	Unknown COULTER
Attorney Docket Number	MS303686.01/MSFTP418US

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
ILK		US- 2002/0184315A1	12-05-2002	Jerry Brett Earnest	
ILK		US- 2003/0204569A1	10-30-2003	Michael R. Andrews, et al.	
ILK		US- 6,112,227	08-29-2000	Jeffrey Nelson Heiner	
		US- 6,199,103B1	03-06-2001	Christopher Alan Cobb	
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info.**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
ILK		EP1376427A2	01-02-2004	Microsoft Corporation		
ILK		EP1376427A3	01-02-2004	Microsoft Corporation		
ILK		EP1300997A2	04-09-2003	Terrace Technologies, Inc.		

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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/601,159
		Filing Date	06-20-03
		First Named Inventor	Joshua T. Goodman, et al.
		Art Unit	2139 2141
		Examiner Name	Unknown COULTER
Sheet 2 of 2	Attorney Docket Number	MS303686.01/MSFTP418US	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
HDL		HAYES, BRIAN. "Spam, Spam, Spam, Lovely Spam." American Scientist Online, June 30, 2003. Pgs. 1-6. vol. 91.	
		BOWMAN, LISA M. "Hotmail Spam Filters Block Outgoing E-mail." CNET News.com January 18, 2001. 3pgs.	
		BYRNE, JULIAN. "My Spamblock Was Thwarting UCE Address Culling Programs." (Newsgroups: news.admin.net-abuse.email, comp.mail.sendmail, comp.security.unix) January 19, 1997.	
		SKOLL, DAVID F. "How To Make Sure A Human Is Sending You Mail." (Newsgroups: news.admin.net-abuse.usenet) November 17, 1996.	
HDL		European Search Report dated June 9, 2005, mailed August 22, 2005 for European Patent Application Serial No. EP04011978, 12 Pages.	

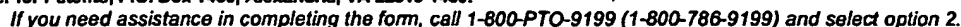
Examiner Signature	<i>Kenneth Ault</i>	Date Considered	12/24/06
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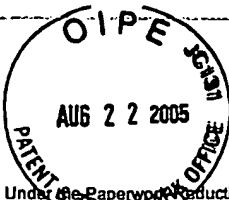
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**SUPPLEMENTAL
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STATEMENT BY APPLICANT**

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Complete if Known

Application Number	10/601,159
Filing Date	June 20, 2003
First Named Inventor	Joshua Goodman
Art Unit	2157 2141
Examiner Name	Unknown COULTER
Attorney Docket Number	MS303686.01/MSFTP418US

Sheet 2 of 2

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HKC		Partial European Search Report, EP33823TE900kap, mailed 6-21-05	

Examiner Signature	<i>Henry Coulter</i>	Date Considered	12/24/06
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**SUPPLEMENTAL
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STATEMENT BY APPLICANT**

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Complete if Known

Application Number	10/601,159
Filing Date	June 20, 2003
First Named Inventor	Joshua T. Goodman, et al.
Art Unit	2157 2141
Examiner Name	Unknown COULTER
Attorney Docket Number	MS303686.01/MSFTP418US

Sheet 1 of 2

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
HAC		US- 2003/088627	05-08-2003	Rothwell, et al.	
		US-			
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ³
		Country Code ⁴ *Number *Kind Code ⁵ (if known)				
HAC		WO 02/071286	09-12-2002	MessageLabs, Ltd.		

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Heather A. Smith

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12/24/06

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				Application Number	10/601,159
				Filing Date	June 20, 2003
				First Named Inventor	Joshua T. Goodman, et al.
				Art Unit	2167 2141
				Examiner Name	Unknown COLTER
Sheet	2	of	2	Attorney Docket Number	MS303686.01/MSFTP418US

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ILUC		YU WU, et al., A New Anti-Spam Filter Based on Data Mining and Analysis of Email Security, Conference Proceedings of the SPIE, Data Mining and Knowledge Discovery Theory, Tools and Technology V, vol. 5098, 21 April 2003, pp. 147-154, Orlando, FL, USA	
		MASSEY, B., et al., Learning Spam: Simple Techniques for Freely-Available Software, Proceedings of Freenix Track 2003 Usenix Annual Technical Conference, Online!, 9 June 2003, pp. 63-76, Berkley, CA, USA	
		GRAHAM, P., The Future of Spam, Computer Security Journal, CSI Computer Security Institute, vol. 19, no. 1, January 2003, pp. 1-5	
ILUC		GRAHAM, P., A Plan for Spam, Online!, August 2002, XP002273602, http://www.paulgraham.com/spam.html , retrieved on 2004-03-12	

Examiner Signature	<i>Kenner Colter</i>	Date Considered	12/24/06
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	2
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Complete if Known

Application Number	10/601,159
Filing Date	June 20, 2003
First Named Inventor	Joshua T. Goodman, et al.
Art Unit	2157 2141
Examiner Name	Unknown CULTER
Attorney Docket Number	MS303686.01/MSFTP418US

U. S. PATENT DOCUMENTS

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Examiner Signature	<i>H. G. Galt</i>	Date Considered	12/24/06
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		Application Number	10/601,159		
		Filing Date	June 20, 2003		
		First Named Inventor	Joshua T. Goodman, et al.		
		Art Unit	2457 2141		
		Examiner Name	Unknown- COULTER		
Sheet	2	of	2	Attorney Docket Number	MS303686.01/MSFTP418US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JMC		European Search Report, EP31087TE900, mailed 11-11-04	
		J. BYRNE, My Spamblock, Google, January 19, 1997, 2 pages	
		D. F. SKOLL, How to Make Sure a Human is Sending You Mail, Google, November 17, 1996, 2 pages	
JMC		L. M. BOWMAN, Hotmail Spam Filters Block Outgoing E-Mail, CNET NEWS.COM, January 18, 2001, 3 pages	

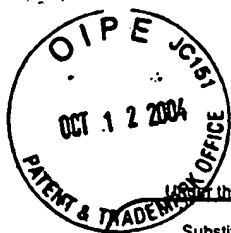
Examiner Signature	<i>[Signature]</i>	Date Considered	12/24/06
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**SUPPLEMENTAL INFORMATION
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Sheet 1 of 5

Complete if Known

Application Number	10/601,159
Filing Date	6/20/03
First Named Inventor	Joshua T. Goodman
Art Unit	2137 2141
Examiner Name	Unknown COVLTER
Attorney Docket Number	MS303686.1/MSFTP418US

U. S. PATENT DOCUMENTS

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		Number-Kind Code ² (if known)			
HKL		US- 6,779,021	08-17-2004	Bates et al.	
		US- 6,732,149	05-04-2004	Kephart	
		US- 6,728,690	04-27-2004	Meek et al.	
		US- 6,691,156	02-10-2004	Drummond et al.	
		US- 6,684,201	01-27-2004	Brill	
		US- 6,633,855	10-14-2003	Auvenshine	
		US- 6,592,627	07-15-2003	Agrawal et al.	
		US- 2002/0059425	05-16-2002	Belfiore et al.	
		US- 6,434,600	08-13-2002	Waite et al.	
		US- 6,424,997	07-23-2002	Buskirk, Jr. et al.	
		US- 6,370,526	04-09-2002	Agrawal et al.	
		US- 6,327,617	12-04-2001	Fawcett	
		US- 6,308,273	10-23-2001	Goertzel et al.	
		US- 2002/0016956	02-07-2002	Fawcett	
		US- 5,905,859	05-18-1999	Holloway et al.	
		US- 5,805,801	09-08-1998	Holloway et al.	
		US- 2004/0139165	07-15-2004	McMillan et al.	
		US- 2004/0139160	07-15-2004	Wallace et al.	

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Signature*Kenan Culter*Date
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12/24/06

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**SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT
BY APPLICANT**

(Use as many sheets as necessary)

Sheet

2

of

5

Complete if Known

Application Number

10/601,159

Filing Date

6/20/03

First Named Inventor

Joshua T. Goodman

Art Unit

~~2157~~ 2141

Examiner Name

Unknown	COUTLER
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Attorney Docket Number

MS303686.1/MSFTP418US

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature	<i>Heather Antler</i>	Date Considered	12/24/06
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		Application Number	10/601,159		
		Filing Date	6/20/03		
		First Named Inventor	Joshua T. Goodman		
		Art Unit	2157 2141		
		Examiner Name	Unknown <i>COLLIER</i>		
Sheet	3	of	5	Attorney Docket Number	MS303686.1/MSFTP418US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>ILNC</i>		D. TURNER et al., Payment-based Email. 5th International Conference on Software Engineering, Artificial Intelligence, Networking, and Parallel/Distributed Computing, June 2004. 7 pages.	
		D.A. TURNER et al., Controlling Spam through Lightweight Currency. In Proc. of the Hawaii International Conference on Computer Sciences, January 2004. 9 pages.	
		FABRIZIO SEBASTIANI. Machine Learning in Automated Text Categorization. ACM Computing Surveys, Vol. 34 Issue 1, pp. 1-47, 2002.	
		I. ANDROUTSOPOULOS, et al. Learning to Filter Spam E-mail: A Comparison of a Naive Bayesian and a Memory-based Approach. 4th PKDD's Workshop on Machine Learning and Textual Information Access, 2000. 13 pages.	
		I. ANDROUTSOPOULOS, et al., An Experimental Comparison of Naive Bayesian and Keyword-based Anti-spam Filtering with Personal E-mail Messages. Proceedings of the 23rd ACM SIGIR Conference, pp. 160-167, 2000.	
		P. PANTEL, et al., SpamCop: A Spam Classification & Organization Program. In Proc. AAAI-1998 Workshop on Learning for Text Categorization, 1998. 8 pages.	
		G. MANCO, et al., Towards an Adaptive Mail Classifier. In Proc. of Italian Association for Artificial Intelligence Workshop, 2002. 12 pages.	
		CORMAC O'BRIEN, et al., Spam Filters: Bayes vs. Chi-squared; Letters vs. Words, Proceedings of the 1st international symposium on Information and communication technologies, 2003, pp.291-296, Dublin, Ireland.	
		OLLE BALTER, et al., Bifrost Inbox Organizer: Giving users control over the inbox, NordiCHI 10/02, 2002, pp.111-118, Arhus, Denmark.	
<i>ILNC</i>		LORRIE FAITH CRANOR, et al., Spam!, Communications of the ACM, 1998, pp. 74-83, Vol. 41-No.8.	

Examiner Signature	<i>Kenneth Ault</i>	Date Considered	12/24/06
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HC		JOHN WONG, Preventing Spams and Relays, Linux Journal, December 1998, 6 pages, Vol. 1998 Issue 56es, Specialized Systems Consultants, Inc.	
		MENG WENG WONG, SPF Overview, Linux Journal, April 2004, 6 pages, Vol. 2004 Issue 120, Specialized Systems Consultants, Inc.	
		Stop, in the Name of Spam, Communications of the ACM, November 1998, pp.11-14, Vol. 41 No. 11, ACM.	
		ERIC ALLMAN, Spam, Spam, Spam, Spam, Spam, the FTC, and Spam, Queue, September 2003, pp. 62-69, Vol. 1 Issue 6, ACM	
		TOM FAWCETT, "In vivo" Spam Filtering: A Challenge Problem for KDD, SIGKDD Explorations, December 2003, pp. 140-148, Vol. 5 Issue 2, ACM	
		J.D.M. RENNIE, ifile: An Application of Machine Learning to E-Mail Filtering. Proceedings of the KDD-2000 Workshop on Text Mining, Sixth ACM SIGKDD International Conference on Knowledge Discovery and Data Mining, 2000. 6 pages.	
		S. ARGAMON, et al., Routing documents according to style. In First International Workshop on Innovative Information Systems, 1998. 8 pages.	
		K. MOCK, An Experimental Framework for Email Categorization and Management. Proceedings of the 24th Annual International ACM SIGIR Conference, pp.392-393, 2001.	
		JOSE MARIA GOMEZ HIDALGO, Evaluating Cost-Sensitive Unsolicited Bulk Email Categorization, SAC 2002, 2002, pp. 615-620, ACM, Madrid, Spain.	
HC		A.Z. BRODER, et al. Syntactic Clustering of the Web. SRC Technical Note, Digital Corporation, July 25, 1997. 13 pages.	

Examiner Signature	<i>Justin Coulter</i>	Date Considered	12/24/06
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				Filing Date	6/20/03	
				First Named Inventor	Joshua T. Goodman	
				Art Unit	2157 2141	
				Examiner Name	Unknown COULTER	
Sheet	5	of	5	Attorney Docket Number		MS303686.1/MSFTP418US

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HKC		P.Y. SIMARD, et al., Using Character Recognition and Segmentation to Tell Computer from Humans. International Conference on Document Analysis and Recognition (ICDAR), IEEE Computer Society, Los Alamitos, pp. 418-423, 2003.	
HKC		S. LI et al., Secure Human-Computer Identification against Peeping: A Survey. Technical Report, Microsoft Research, 2003. 53 pages.	

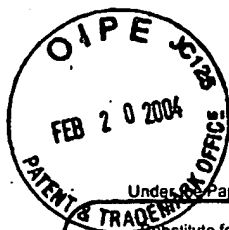
Examiner Signature	<i>Kenneth Coulter</i>	Date Considered	12/24/06
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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 4

Complete if Known

Application Number	10/601,159
Filing Date	June 20, 2003
First Named Inventor	Joshua T. Goodman, et al.
Art Unit	2157.2.14
Examiner Name	Unknown COULTER
Attorney Docket Number	MS303686.1/MSFTP418US

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
JLW		US- 6,161,130	12/12/2000	Horvitz, et al.	
		US- 6,023,723	02/08/2000	McCormick, et al.	
		US- 6,003,027	12/14/1999	Prager	
		US- 5,835,087	11/10/1998	Herz, et al.	
		US- 5,638,487	06/10/1997	Chigier	
		US- 5,619,648	04/08/1997	Canale, et al.	
		US- 5,377,354	12/27/1994	Scannel, et al.	
		US- 6,192,360	2/20/2001	Dumais, et al.	
		US- 5,704,017	12/30/1997	Heckerman, et al.	
		US- 6,266,692	07-24-2001	Greenstein	
JLW		US- 6,484,197	11-19-2002	Donohue	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
JLW		EP720 333	07/03/1996	A T & T Corp.		
JLW		EP413 537	02/20/1991	Digital Equipment Int.		
JLW		WO96/35994	11/14/1996	Compuserve, Inc.		

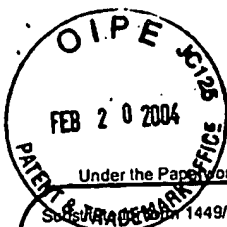
Examiner
Signature*Ken Coulter*Date
Considered

12/24/06

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Substantive Examination 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Application Number	10/601,159
Filing Date	June 20, 2003
First Named Inventor	Joshua T. Goodman, et al.
Art Unit	2457 2141
Examiner Name	Unknown <i>COULTER</i>
Attorney Docket Number	MS303686.1/MSFTP418US

Sheet	2	of	4
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NON PATENT LITERATURE DOCUMENTS

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<i>HAC</i>		CYNTHIA DWORK, et al.; "Pricing Via Processing or Combatting Junk Mail"; Presented at Crypto '92; pp. 1-11	
		THORSTEN JOACHIMS; "Text Categorization with Support Vector Machines: Learning with Many Relevant Features"; LS-8 Report 23, November 1997, 18 pages.	
		DAPHNE KOLLER, et al.; "Hierarchically Classifying Documents Using Very Few Words"; In ICML-97: Proceedings of the Fourteenth International Conference on Machine Learning; San Francisco, CA: Morgan Kaufmann 1997; 9 pages	
		ELLEN SPERTUS; "Smokey: Automatic Recognition of Hostile Messages"; Proceedings of the Conference on Innovative Applications in Artificial Intelligence (IAAI), 1997, 8 pages.	
		HINRICH SCHUTZE, et al.; "A Comparison of Classifiers and Document Representations for the Routing Problem"; Proceedings of the 18th Annual International ACM SIGIR Conference on Research and Development in Information Retrieval, Seattle, WA, July 9-13, 1995; pp. 229-237	
		YIMING YANG, et al.; "A Comparative Study on Feature Selection in Text Categorization"; School of Computer Science, Carnegie Mellon University, Pittsburgh, PA, and Verity, Inc., Sunnyvale, CA; 9 pages	
		YIMING YANG, et al.; "An Example-Based Mapping Method for Text Categorization and Retrieval"; ACM Transactions on Information Systems, Vol. 12, No. 3, July 1994, pp. 252-277.	
		DAVID D. LEWIS, et al.; "A Comparison of Two Learning Algorithms for Text Categorization"; Third Annual Symposium on Document Analysis and Information Retrieval; April 11-13, 1994; pp. 81-93.	
		MEHRAN SAHAMI; "Learning Limited Dependence Bayesian Classifiers"; In KDD-96: Proceedings of the Second International Conference on Knowledge Discovery and Data Mining; AAAI Press, 1996; Menlo Park, CA; pp. 335-338	
<i>HAC</i>		WILLIAM W. COHEN; "Learning Rules that Classify E-Mail"; In the Proceedings of the 1996 AAAI Spring Symposium on Machine Learning in Information Access. Downloaded from William Cohen's web page: http://www.research.att.com/nwcohen/pubs.html	

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		First Named Inventor	Joshua T. Goodman, et al.		
		Art Unit	2157 ZHU		
		Examiner Name	Unknown COULTER		
Sheet	3	of	4	Attorney Docket Number	MS303686.1/MSFTP418US

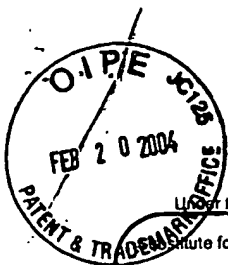
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llal		MAKOTO IWAYAMA, et al.; "Hierarchical Bayesian Clustering for Automatic Text Classification"; Natural Language; 1995; pp. 1322-1327.	
		DAVID D. LEWIS; "An Evaluation of Phrasal and Clustered Representations on a Text Categorization Task"; 15th Annual International SIGIR '92; Denmark 1992; pp. 37-50.	
		DAPHNE KOLLER, et al.; "Toward Optimal Feature Selection"; Machine Learning; Proc. of the Thirteenth International Conference, Morgan Kaufmann, 1996, 9 pages.	
		DAVID DOLAN LEWIS; "Representation and Learning in Information Retrieval"; University of Massachusetts, 1992	
		TOM MITCHELL; "Machine Learning"; Carnegie Mellon University, Bayesian Learning, Chapter 6, pp. 180-184	
		Y. H. Li, et al.; "Classification of Text Documents"; Department of Computer Science and Engineering, Michigan State University, E. Lansing, Michigan, The Computer Journal, Vol. 41, No. 8, 1998; 537-546.	
		JUHA TAKKINEN, et al.; "CAFE: A Conceptual Model for Managing Information in Electronic Mail"; Laboratory for Intelligent Information Systems, Department of Computer and Information Science, Linköping University, Sweden, Conference on System Sciences, 1998 IEEE	
		JACOB PALME, et al.; "Issues When Designing Filters In Messaging Systems"; Department of Computer and Systems Sciences, Stockholm University, Royal Institute of Technology, Skeppargarten 73, S-115 30, Stockholm, Sweden, Computer Communications; 1996; pp. 95-101.	
		RICHARD B. SEGAL, et al.; "SwiftFile: An Intelligent Assistant for Organizing E-Mail"; IBM Thomas J. Watson Research Center	
llal		MEHRAN SAHAMI, et al.; "A Bayesian Approach to Filtering Junk E-Mail"; Stanford University	

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Attorney Docket Number	MS303686.1/MSFTP418US

Sheet	4	of	4
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NON PATENT LITERATURE DOCUMENTS

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		PADRAIG CUNNINGHAM, et al., "A Case-Based Approach to Spam Filtering that Can Track Concept Drift," Trinity College, Dublin, Department of Computer Science, 5/13/03	
		MARK ROSEN, "E-mail Classification in the Haystack Framework," Massachusetts Institute of Technology, February, 2003	
		KEVIN R. GEE, Using Latent Semantic Indexing to Filter Spam, Dept. of Computer Science and Engineering, University of Texas-Arlington, 5 pages	
KCL		THORSTEN JOACHIMS, Transductive Inference for Text Classification Using Support Vector Machines, In Proceedings of the 16th International Conference on Machine Learning, 1999, pp. 200-209, San Francisco, USA	

Examiner Signature	<i>Joshua T. Goodman</i>	Date Considered	12/24/06
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